

Applicant: Prendergast et al.  
For: ISOLATION SYSTEM WITH ANALOG COMMUNICATION ACROSS  
AN ISOLATION BARRIER

ABSTRACT OF DISCLOSURE

- 5           An isolation system with analog communication across an isolation barrier includes  
an isolation barrier circuit having at least one isolation element; a digital to analog circuit  
having an analog output connected to the isolation barrier and an input for receiving an  
input digital signal to be communicated across the isolation barrier; and an analog to digital  
circuit having an input coupled to the analog output of the isolation barrier circuit for  
10   providing a digital output signal.